Attorney's Docket No.: 13361-048001/MP0284

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hui-Ling Lou et al. Art Unit: Serial No.: Examiner:

Filed : August 21, 2003

Title : LOW COMPLEXITY CHANNEL ESTIMATION FOR ORTHOGONAL

FREQUENCY DIVISION MODULATION SYSTEMS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information

Disclosure Statement and documents listed on form PTO-1449.

This filing is being made with the filing of the application. No fee is required.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

CERTIFICATE OF MAILING BY EXPRESS MAIL
Express Mail Label No. <u>EV348187458US</u>
August 21, 2003
Date of Deposit

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:_____08/21/03

Kenyon S. Jenckes Reg. No. 41,873

Fish & Richardson P.C. PTO Customer No. 20985 4350 La Jolla Village Drive, Suite 500 San Diego, CA 92122

Telephone: (858) 678-5070 Facsimile: (858) 678-5099

10324281.doc

	Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13361-048001	Application No.	
	Information Disclosure Stat ment by Applicant (Use several sheets if necessary)		Applicant Hui-Ling Lou et al.		
			Filing Date	Group Art Unit	
ĺ	(37 CFR §1.98(b))		August 21, 2003		

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,327,314	12/04/2001	Cimini, Jr. et al.			
	AB	6,442,129	08/27/2002	Yonge, III et al.			
	AC	6,473,393	10/29/2002	Ariyavistakul et al.			
	AD	US2001/0036 235 A1	11/01/2001	Kadous			
	AE	US2002/0191 630 A1	12/19/2002	Jacobsen			
	AF	US2003/0016 645 A1	01/23/2003	Siala et al.			
	AG		}	į			
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID_	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL	EP 1 178 640 A1	02/06/2002	ЕРО				
	AM							

1	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	AN	Beek et al., "On Channel Estimation in OFDM Systems", pages 1-5
	AO	Lou et al., "On Low Complexity Channel Estimation for OFDM Systems", Feb. 11, 2003, pages 1-6
	AP	Lou et al., "On Division-Free Frequency Domain Equalization and Viterbi Decoding Using Channel State Information", March 8, 2002, pages 1-18
	AQ	IEEE, "Part 16: Air Interface for Fixed Broadband Wireless Access Systems – Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz", October 27, 2002, Draft Amendment to IEEE Standard for Local and Metropolitan Area Networks, pages 1-331

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					